

## Abstract

The invention provides a kit for measuring the thrombin generation in a sample of a patient's blood or plasma, or in a sample of clotting factors. The kit contains lyophilized tissue factor/phospholipid-complex and a lyophilized mixture containing a thrombin-substrate and  $\text{CaCl}_2$ . The invention also provides processes for preparing the reagents for the kit. The kit can be used in a method for measuring the thrombin generation in a sample, wherein it is possible to detect changes in thrombin generation kinetics, for example after administration of inhibitor bypassing agents to a patient who has developed inhibitors to an exogenous clotting factor such as Factor VIII.